Question #67610, Physics / Mechanics | Relativity | complete

Question:
The resultant of three vectors becomes zero,is it possible? Verify your answer by vector diagram.

Answer:
The answer is: Yes, it is possible

Solution:
The resultant of three vectors v1, v2, v3 becomes zero if v3 = -(v1+v2).

Vector diagram:

V1+V2+V3 = 0